

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dieter KERNER *et al.*

Appl. No. unknown

Filed: February 28, 2002

For: SURFACE-MODIFIED, DOPED,  
PYROGENICALLY PRODUCED  
OXIDES

Art Unit: unknown

Examiner: n/a

Atty. Docket No. 39509-177800

Customer No.



26694

PATENT TRADEMARK OFFICE

A/HG  
02/06/03  
JS

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Please amend the following claims:

2. (Amended) Surface-modified, pyrogenically produced oxides doped by aerosol, characterized in that the oxides are selected from the group consisting of  $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{TiO}_2$ ,  $\text{B}_2\text{O}_3$ ,  $\text{ZrO}_2$ ,  $\text{In}_2\text{O}_3$ ,  $\text{ZnO}$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{Nb}_2\text{O}_5$ ,  $\text{V}_2\text{O}_5$ ,  $\text{WO}_3$ ,  $\text{SnO}_2$  and  $\text{GeO}_2$ .

3. (Amended) The surface-modified, pyrogenically produced oxides according to claim 1 or 2, wherein the surface-is modified with one or several compounds selected from the following groups: